



GENERAL NOTES:
* ALL MATERIALS MUST BE 304 STAINLESS STEEL
SCHEDULE 40 (EXCEPT AS NOTED)

EXPLODED VIEW
NOT TO SCALE

NOTES

- ① 3" SCHEDULE 40 PVC (PRESSURE) SOCKET X FEMALE ADAPTOR
- ② 3" X 4" NIPPLE (BOTH ENDS THREADED)
- ③ 2ea. 3" THREADED FLANGES 7.5" X 1-3/16" TH. (150psi)
4ea. 5/8-11 S.S. HEXHEAD CAP SCREWS.
8ea. 5/8" S.S. FLATWASHERS.
4ea. 5/8" S.S. SPLITLOCK WASHERS
4ea. 5/8-11 S.S. HEXHEAD NUTS
- ④ 3" X 20-1/4" PIPE (ONE END THREADED)
- ⑤ 3" X 3" X 3" THREADED TEE (150psi)
- ⑥ CARLOC OR NON-ASBESTOS GASKET 1/16" OR 1/8" TH.
- ⑦ ROMAC PART # 511-3.50 X 3.50 X 7SSFE WITH NBR GASKETS
- ⑧ 3" to 2" BUSHING
- ⑨ 2" X 3" NIPPLE (BOTH ENDS THREADED)
- ⑩ 2" S.S. STREAM FLOW BALL VALVE MODEL BV150SS3FP S.S. FULL PORT S.S. BALL VALVE THREADED HANDLE MODIFIED (SEE HANDLE DETAIL) MAXIMUM CLEARANCE 1" REMOVE LATCH LOCK
- ⑪ AIR RELIEF VALVE ~~APCO 443-1 OR 445-1~~
(AS REQUIRED) SANDBLASTED AND COATED COAL TAR EPOXY C-200 SHERWIN WILLIAMS OR EQUAL
- ⑫ 1" X CLOSE S.S. NIPPLE
- ⑬ 1" FULL POST S.S. BALL VALVE
- ⑭ 3" X (1" TO 2-1/2") SCHEDULE 40 PVC SOCKET BUSHING
- ⑮ 3" X CLOSE NIPPLE (BOTH ENDS THREADED)
- ⑯ 3" SCHEDULE 40 PVC SOCKET GLUE COUPLING
- ⑰ 3" X 7" SDR21 PVC PIPE
- ⑱ S.S. STREET 90 ~~APCO 443-1 REQUIRES 1"~~ ~~APCO 445-1 REQUIRES 2"~~

THE
METROPOLITAN SEWER DISTRICT
OF
GREATER CINCINNATI

1" TO 2 1/2" LOW
PRESSURE FORCE MAIN
AIR RELIEF CHAMBER